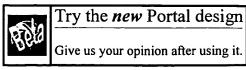


> home : > about : > feedback : > login US Patent & Trademark Office



Search Results

Search Results for: [(vector\* <near/5> (index\* or indice\*)) <near/100> (similarit\* <near/5> (search\* or querie\* or query\*))] Found 24 of 121,259 searched.

Todila 24 of 222/200 Scarcifical						
Sea	arch within Results					
<u> </u> > S∈	Search Help/Tips > Advanced Search					
Sort by: Title Publication Publication Date Score Binder						
Res	Results 1 - 20 of 24 short listing  CT C>  Prev Next Page 1 2 Page					
1 4	A multimedia cognitive-based information retrieval system D. Davcev , D. Cakmakov , V. Cabukovski Proceedings of the 19th annual conference on Computer Science April 1999	98%				
<b>2</b> •ि						
3 【¶	A cell-based index structure for similarity search in high-dimensional feature spaces Kwang-Taek Song , Hwa-Jin Nam , Jae-Woo Chang Proceedings of the 2001 ACM symposium on Applied computing March 2001	97%				
<b>4</b> ◀	Automatic text indexing using complex identifiers Gerald Salton Proceedings of the ACM conference on Document processing systems January 2000	96%				

95% Using n-grams for Korean text retrieval Joo Ho Lee , Jeong Soo Ahn Proceedings of the 19th annual international ACM SIGIR conference on Research and development in information retrieval August 1996 94% **6** Fast retrieval of cursive handwriting Ibrahim Kamel Proceedings of the fifth international conference on Information and knowledge management November 1996 93% Searching dynamically bundled goods with pairwise relations Yuan-Chi Chang , Chung-Sheng Li , John R. Smith Proceedings of the 4th ACM conference on Electronic commerce June 2003 Economics research has long recognized that bundling enables savings in production and transaction costs, promotes complementary among the bundle components and sorts consumers according to their valuations. Sellers employ market analysis and intelligence to extract the most surplus. In the age of electronic commerce with low product information access cost, buyers can take advantage of the benefits of bundling by performing dynamic composition of goods from multiple companies offering heterogen ... 92% 8 Indexing very high-dimensional sparse and quasi-sparse vectors for াবী similarity searches Changzhou Wang, X. Sean Wang The VLDB Journal — The International Journal on Very Large Data Bases April 2001 Volume 9 Issue 4 Similarity queries on complex objects are usually translated into searches among their feature vectors. This paper studies indexing techniques for very highdimensional (e.g., in hundreds) vectors that are sparse or quasi-sparse, i.e., vectors each having only a small number (e.g., ten) of non-zero or significant values. Based on the R-tree, the paper introduces the xS-tree that uses lossy compression of bounding regions to guarantee a reasonable minimum fan-out within the allocated stora ... 92% **9** Experiments in retrieval of mineral information 🐴 Dusan Cakmakov , Danco Davčev Proceedings of the first ACM international conference on Multimedia September 1993 89% **10** High performance clustering based on the similarity join Christian Böhm , Bernhard Braunmüller , Markus Breunig , Hans-Peter Kriegel Proceedings of the ninth international conference on Information and knowledge management November 2000 88% **11** Query processing in a heterogeneous retrieval network P. Simpson Proceedings of the 11th annual international ACM SIGIR conference on Research and development in information retrieval May 1988

The concept of a large-scale information retrieval network incorporating heterogeneous retrieval systems and users is introduced, and the necessary

components for enabling term-based searching of any database by untrained endusers are outlined. We define a normal form for expression of queries, show that such queries can be automatically produced, if necessary, from a natural-language request for information, and give algorithms for translating such queries, with little or no loss of expre ...

12 Combining multiple evidence from different properties of weighting

87%

ৰী schemes Joon Ho Lee

> Proceedings of the 18th annual international ACM SIGIR conference on Research and development in information retrieval July 1995

**13** Spatial indexing of high-dimensional data based on relative

86%

বী approximation

Yasushi Sakurai , Masatoshi Yoshikawa , Shunsuke Uemura , Haruhiko Kojima The VLDB Journal — The International Journal on Very Large Data Bases October 2002

Volume 11 Issue 2

We propose a novel index structure, the A-tree (approximation tree), for similarity searches in high-dimensional data. The basic idea of the A-tree is the introduction of virtual bounding rectangles (VBRs) which contain and approximate MBRs or data objects. VBRs can be represented quite compactly and thus affect the tree configuration both quantitatively and qualitatively. First, since tree nodes can contain a large number of VBR entries, fanout becomes large, which increases search speed. More ...

**14** Information retrieval using a singular value decomposition model of | | latent semantic structure

85%

G. W. Furnas , S. Deerwester , S. T. Dumais , T. K. Landauer , R. A. Harshman , L. A. Streeter, K. E. Lochbaum

Proceedings of the 11th annual international ACM SIGIR conference on Research and development in information retrieval May 1988

In a new method for automatic indexing and retrieval, implicit higher-order structure in the association of terms with documents is modeled to improve estimates of termdocument association, and therefore the detection of relevant documents on the basis of terms found in queries. Singular-value decomposition is used to decompose a large term by document matrix into 50 to 150 orthogonal factors from which the original matrix can be approximated by linear combination; both documents and terms ...

**15** A belief network model for IR

82%



Berthier A. N. Ribeiro , Richard Muntz

Proceedings of the 19th annual international ACM SIGIR conference on Research and development in information retrieval August 1996

**16** Online analytic processing: CMVF: a novel dimension reduction scheme 77%

কী for efficient indexing in a large image database

Jialie Shen, Anne H. H. Ngu, John Shepherd, Du Q. Huynh, Quan Z. Sheng Proceedings of the 2003 ACM SIGMOD international conference on on

Management of data June 2003

17 Parallel text search methods

71%



Gerard Salton , Chris Buckley

Communications of the ACM February 1988

Volume 31 Issue 2

A comparison of recently proposed parallel text search methods to alternative available search strategies that use serial processing machines suggests parallel methods do not provide large-scale gains in either retrieval effectiveness or efficiency.

**18** Image Retrieval: Adaptive nearest neighbor search for relevance বী feedback in large image databases

71%

P. Wu, B. S. Manjunath

Proceedings of the ninth ACM international conference on Multimedia October 2001

Relevance feedback is often used in refining similarity retrievals in image and video databases. Typically this involves modification to the similarity metrics based on the user feedback and recomputing a set of nearest neighbors using the modified similarity values. Such nearest neighbor computations are expensive given that typical image features, such as color and texture, are represented in high dimensional spaces. Search complexity is a ciritcal issue while dealing with large databases and ...

**19** Vector space model of information retrieval: a reevaluation

65%



🔏 S. K. M. Wong , Vijay V. Raghavan

Proceedings of the 7th annual international ACM SIGIR conference on Research and development in information retrieval July 1984

In this paper we, in essence, point out that the methods used in the current vector based systems are in conflict with the premises of the vector space model. The considerations, naturally, lead to how things might have been done differently. More importantly, it is felt that this investigation will lead to a clearer understanding of the issues and problems in using the vector space model in information retrieval.

20 Hypertext databases and data mining

64%



Soumen Chakrabarti

ACM SIGMOD Record, Proceedings of the 1999 ACM SIGMOD international conference on Management of data June 1999

Volume 28 Issue 2

The volume of unstructured text and hypertext data far exceeds that of structured data. Text and hypertext are used for digital libraries, product catalogs, reviews, newsgroups, medical reports, customer service reports, and the like. Currently measured in billions of dollars, the worldwide internet activity is expected to reach a trillion dollars by 2002. Database researchers have kept some cautious distance from this action. The goal of this tutorial is to expose database researchers to t ...

Results 1 - 20 of 24

short listing





The ACM Portal is published by the Association for Computing Machinery. Copyright © 2003 ACM, Inc.



> home > about > feedback > login

US Patent & Trademark Office



Try the new Portal design

Give us your opinion after using it.

Search Results

> Search Help/Tips

Search Results for: [(vector\* <near/5> (index\* or indice\*)) <near/100> (similarit\* <near/5> (search\* or querie\* or query\*))]
Found 24 of 121,259 searched.

Search within Results		
	ĞО	> Advanced Search

**21** Distance-based indexing for high-dimensional metric spaces

61%

Tolga Bozkaya , Meral Ozsoyoglu

ACM SIGMOD Record , Proceedings of the 1997 ACM SIGMOD international conference on Management of data June 1997

Volume 26 Issue 2

In many database applications, one of the common queries is to find approximate matches to a given query item from a collection of data items. For example, given an image database, one may want to retrieve all images that are similar to a given query image. Distance based index structures are proposed for applications where the data domain is high dimensional, or the distance function used to compute distances between data objects is non-Euclidean. In this paper, we introduce a distance bas ...

**22** Sequence Mining: Prefix-querying: an approach for effective 57% subsequence matching under time warping in sequence databases

Sanghyun Park , Sang-Wook Kim , June-Suh Cho , Sriram Padmanabhan **Proceedings of the tenth international conference on Information and knowledge management** October 2001

This paper discusses an index-based *subsequence* matching that supports time warping in large sequence databases. Time warping enables finding sequences with similar patterns even when they are of different lengths. In our earlier work, we suggested an efficient method for *whole* matching under time warping. This method constructs a multi-dimensional index on a set of feature vectors, which are invariant to time warping, from data sequences. For filtering at feature space, it also ap ...

23 Hierarchical indexing and document matching in BoW

55%

Maayan Geffet , Dror G. Feitelson

Proceedings of the first ACM/IEEE-CS joint conference on Digital libraries January

2001

BoW is an on-line bibliographical repository based on a hierarchical c oncept index to which entries are linked. Searching in the repository should therefore return matching topics from the hierarchy, rather than just a list of entries. Likewise, when new entries are inserted, a search for relevant topics to which they should be linked is required. We develop a vector-based algorithm that creates keyword vectors for the set of competing topics at each node in the hierarchy, and show how its ...

**24** Data integration using similarity joins and a word-based information representation language

54%

William W. Cohen

**ACM Transactions on Information Systems (TOIS)** July 2000 Volume 18 Issue 3

The integration of distributed, heterogeneous databases, such as those available on the World Wide Web, poses many problems. Herer we consider the problem of integrating data from sources that lack common object identifiers. A solution to this problem is proposed for databases that contain informal, natural-language "names" for objects; most Web-based databases satisfy this requirement, since they usually present their information to the end-user through a veneer of text. We des ...

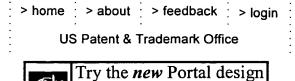
Results 21 - 24 of 24

short listing



The ACM Portal is published by the Association for Computing Machinery. Copyright © 2003 ACM, Inc.





Give us your opinion after using it.

## Search Results

## **Nothing Found**

Your search for [(\*) <AND>((kanno)<IN> author)] did not return any results.

You may revise it and try your search again below or click advanced search for more options.





## The following characters have specialized meaning:

Special Characters	Description
,()[	These characters end a text token.
	These characters end a text token because they signify the start of a field operator. (! is special: != ends a token.)
@ \Q <	These characters signify the start of a delimited token. These are terminated by the end character associated with the start character.